



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

November 22, 2010

RE: WAYNE COUNTY
CITY OF RITTMAN
RITTMAN WTP
NPDES # 3IY00162

Mayor and Council
City of Rittman
30 N. Main Street
Rittman, OH 44270

Dear Ladies and Gentleman:

On November 18, 2010 this writer met with Mr. Cary Metcalf, Utilities Director, to conduct a pre-permit inspection of the sewage treatment plant serving the City of Rittman's Water Treatment Plant. The intent of the inspection was to evaluate operations and maintenance of the wastewater treatment system prior to drafting the National Pollutant Discharge Elimination System (NPDES) permit.

Currently the City has not submitted the NPDES permit renewal. During the inspection, Mr. Metcalf was given a copy of the renewal notification. Please complete and submit the renewal application. Renewal application forms may be obtained by calling (614) 644-2156 or by going to the Ohio EPA Web site <http://www.epa.ohio.gov/dsw/permits/npdesform.html>.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. The plant consists of a 1500 gallon extended aeration package plant, surface sand filters, chlorine contact tank, a 124,800 gallon red water holding tank and two red water surface sand filters. Overall, the plant appeared to be in good operation. The inspection of the wastewater treatment plant revealed the following:

- 1) The aeration tanks contained mixed liquor that was a light grayish brown and was provided with good air circulation. Since only one employee works at the water treatment plant at any given time, the wastewater treatment plant is organically underloaded. The final clarifiers were in good condition with minimal solids buildup on the weirs. The surface sand filters for the sanitary package plant were in good condition.
- 2) The industrial red water holding tank was in good condition. The red water surface sand filters were in good condition with minimal solids buildup on the sand media.

A review of your discharge monitoring reports (DMRs) covering the period January 2009 through October 2010 revealed the following effluent violations:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2010	601	00300	Dissolved Oxygen	1D Conc	6.0	4.99	8/6/2010
October 2009	001	50060	Chlorine, Total Residu	1D Conc	0.019	.2	10/8/2009
June 2010	601	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.06	6/1/2010
June 2010	601	00300	Dissolved Oxygen	1D Conc	6.0	5.57	6/16/2010
April 2009	001	00530	Total Suspended Solids	1D Qty	1.85	306.331	4/7/2009
April 2009	001	00530	Total Suspended Solids	30D Qty	1.24	306.331	4/1/2009

As discussed with Mr. Metcalf during the inspection, new water quality standards were adopted by Ohio EPA. These rules require changes to be made to the bacteria and phosphorous monitoring and limits in all new and renewed NPDES permits. The new standards will require the implementation of E.coli limits and monitoring requirements. Additionally, there will be a phosphorous limit and monitoring requirement. The E. coli standards and phosphorous limits will be stated in the renewed NPDES permit. Information regarding the new water quality standards can be found on the Ohio EPA, Division of Surface Water website: www.epa.ohio.gov/dsw.

The renewal NPDES permit for this facility will be public noticed once it is received. You will have 30 days from the date of public notice to submit written comments to Ohio EPA regarding the draft permit.

Overall, the results of the inspection were satisfactory. Should you have any questions or comments regarding this letter, please contact this office at (330) 963-1255.

Respectfully,



Todd Surrena
Engineering Geologist
Division of Surface Water

TMS/kw

cc: Cary Metcalf, Utilities Director
Wayne County Health Dept.

File: Industrial/Rittman WTP